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Relevance scale ☐ ☐ ☐ ☐ ☐**1 An SBus monitor board**

H. A. Xie, K. E. Forward, K. M. Adams, D. Leask

February 1995 **Proceedings of the 1995 ACM third international symposium on Field-programmable gate arrays**Full text available:  pdf(68.64 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

During the development of computer peripherals which interface to the processor via the system bus it is often necessary to acquire the signals on the bus at the hardware level. It is difficult to attach general-purpose logic analysers and in-circuit emulators to a multiple pin bus connector and hence it is not practical to catch all the bus data required to ensure that such signals are in accordance with the bus specification. Hence a given connector specific bus monitor board is a necessity ...

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*Levi, D.; Guccione, S.A.;*Evolvable Hardware, 1999. Proceedings of the First NASA/DoD Workshop on ,  
21 July 1999

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Field-Programmable Custom Computing Machines, 2000 IEEE Symposium on , 19 April 2000

Pages:319 - 320

[\[Abstract\]](#)   [\[PDF Full-Text \(180 KB\)\]](#)   IEEE CNF**2 High performance DES encryption in Virtex™ FPGAs using JBits™***Patterson, C.;*

Field-Programmable Custom Computing Machines, 2000 IEEE Symposium on , 19 April 2000

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L3	34	("5603043").URPN. not ((national and instrument).as. )	USPAT	OR	ON	2004/12/07 08:52
L4	1711	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same ( (data adj collector) or measurement or metric or meta-data or (meta adj data) ) and (debug\$4 or test\$3 or verify or verification or validify or validification or co-verification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/07 08:54
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L6	154	717/124 and (programmable or reconfigurable or re-configurable or fpga)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/07 08:56
L7	4	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same ( (data adj collector) or measurement or metric or meta-data or (meta adj data) ) same (debug\$4 or test\$3 or verify or verification or validify or validification or co-verification) and 717/??? not ((national adj instrument).as. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/07 09:33
L8	40	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same ( (data adj collector) or measurement or metric or meta-data or (meta adj data) ) same (debug\$4 or test\$3 or verify or verification or validify or validification or co-verification) and 714/??? not ((national adj instrument).as. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/07 09:34

L9	1	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same ( (data adj collector) or measurement or metric or meta-data or (meta adj data) ) same (debug\$4 or test\$3 or verify or verification or validate or validation or co-verification) and 716/??? not ((national adj instrument).as. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/07 09:41
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L16	0	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor same (test\$3 or debug\$4 or verify or verification or analysis or analysis\$5) and 716/3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/07 09:44
L17	56	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same (test\$3 or debug\$4 or verify or verification or analysis or analysis\$5) and 716/3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/07 09:44
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L19	208	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) and 716/16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/07 09:44
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S2	633	717/124	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 16:12
S4	132	717/124 and (programmable or reconfigurable or re-configurable or fpga) and (test\$3 or debug\$4 or simulat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 16:16

S5	88	717/124 and (programmable or reconfigurable or re-configurable or fpga) and (test\$3 or debug\$4 or simulat\$3) and plurality	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 16:16
S6	3	717/124 and (programmable or reconfigurable or re-configurable or fpga) and (test\$3 or debug\$4 or simulat\$3) and ( plurality near5 hardware or hard-ware)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 16:23
S7	2	debug\$4 near3 (embedded adj program) and (programmable or reconfiguarble or re-configurable or fpga or eeprom or eprom)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 16:26
S8	5	debug\$4 near3 (hardware adj configuration) and (programmable or reconfiguarble or re-configurable or fpga or eeprom or eprom)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 16:29
S9	6	("6226776" "6009256" "6219628").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 16:29
S10	7	("5197016"   "5437037"   "5493507"   "5530843"   "5603043"   "5748488"   "5953519").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 16:31
S11	33	("5493507").URPN.	USPAT	OR	OFF	2004/12/02 16:40
S12	1	("6298453").URPN.	USPAT	OR	OFF	2004/12/02 16:52
S13	19	("6052524").URPN.	USPAT	OR	OFF	2004/12/02 17:15
S14	6934	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:37
S15	833	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor same (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:50
S16	3	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor same (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) and 717/???	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:45

S17	0	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor same (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) and 716/???	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:39
S18	2	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor same (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) and 712/???	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:50
S19	15	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor same (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) and 714/???	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:40
S20	0	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor same (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) and 703/???	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:40
S21	30	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor same (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) and (hardware adj configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:42
S22	969	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor and ( (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) near3 (sensor or peripheral or hardware or attached or remote) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:49
S23	9	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor and ( (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) near3 (sensor or peripheral or hardware or attached or remote) ) and 717/???	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:45



S24	954	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor and ( (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) near3 (sensor or peripheral or hardware or attached or remote) ) not ( (national and instruments).as. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:49
S25	824	(reconfigurable or reprogrammable or re-programmable or eeprom or eprom or fpga) same sensor same (test\$3 or debug\$4 or verify or verification or analysis or analyz\$5) not ( (national and instruments).as. )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/12/06 07:50
S26	9	("6107821"   "6247147"   "6311316"   "6366117"   "6453456"   "6456961"   "6460148"   "6530071"   "6598178").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/06 10:27
S27	4	test adj (feed-through)	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/07 08:31